# 810 Invoice

**Functional Group ID=IN**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

## Notes:

*1. This Standard is the accepted Treasury convention for the On-line Payment and Collection (OPAC) system and the Electronic Data Interchange Payment and Collection (EDIPAC) system. The transaction set can be used by Federal Agencies to provide for customary and established business and industry practice relative to the billing for goods and services provided.*

*2. Special processing instructions are provided for agencies that wish to transmit transactions between EDIPAC and OPAC on-line users.*

## Heading:

| Page No. | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat | Notes and Comments |
|---|---|---|---|---|---|---|---|
| 5 | 010 | ST | Transaction Set Header | M | 1 | | |
| 6 | 020 | BIG | Beginning Segment for Invoice | M | 1 | | |
| N/U | 030 | NTE | Note/Special Instruction | F | 100 | | |
| N/U | 040 | CUR | Currency | O | 1 | | |
| 8 | 050 | REF | Reference Numbers | O | 12 | | |
| N/U | 060 | PER | Administrative Communications Contact | O | 3 | | |
| | | | LOOP ID - N1 | | | 200 | |
| 9 | 070 | N1 | Name | O | 1 | | |
| N/U | 080 | N2 | Additional Name Information | O | 2 | | |
| N/U | 090 | N3 | Address Information | O | 2 | | |
| N/U | 100 | N4 | Geographic Location | O | 1 | | |
| 11 | 110 | REF | Reference Numbers | O | 12 | | |
| 12 | 120 | PER | Administrative Communications Contact | O | 3 | | |
| N/U | 130 | ITD | Terms of Sale/Deferred Terms of Sale | O | >1 | | |
| 14 | 140 | DTM | Date/Time Reference | O | 10 | | |
| N/U | 150 | FOB | F.O.B. Related Instructions | O | 1 | | |
| N/U | 160 | PID | Product/Item Description | O | 200 | | |
| N/U | 170 | MEA | Measurements | O | 40 | | |
| N/U | 180 | PWK | Paperwork | O | 25 | | |
| N/U | 190 | PKG | Marking, Packaging, Loading | O | 25 | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| N/U | 200 | L7 | Tariff Reference | O | 1 | | |
| 15 | 210 | AT | Financial Accounting | O | >1 | | |
| N/U | 212 | BAL | Balance Detail | O | 2 | | n1 |
| N/U | 213 | INC | Installment Information | O | 1 | | |
| | | | LOOP ID - LM | | | 10 | |
| N/U | 220 | LM | Code Source Information | O | 1 | | |
| N/U | 230 | LQ | Industry Code | M | 100 | | |
| | | | LOOP ID - N9 | | | 1 | |
| N/U | 240 | N9 | Reference Number | O | 1 | | |
| N/U | 250 | MSG | Message Text | M | 10 | | |
| | | | LOOP ID - V1 | | | >1 | |
| N/U | 260 | V1 | Vessel Identification | O | 1 | | |
| N/U | 270 | R4 | Port | O | >1 | | |
| N/U | 280 | DTM | Date/Time Reference | O | >1 | | |

## Detail:

| Page No. | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat | Notes and Comments |
|---|---|---|---|---|---|---|---|
| | | | LOOP ID - IT1 | | | 200000 | |
| 17 | 010 | IT1 | Baseline Item Data (Invoice) | O | 1 | | |
| N/U | 012 | CRC | Conditions Indicator | O | 1 | | |
| N/U | 015 | QTY | Quantity | O | 5 | | n2 |
| N/U | 020 | CUR | Currency | O | 1 | | |
| N/U | 030 | IT3 | Additional Item Data | O | 5 | | |
| N/U | 040 | TXI | Tax Information | O | 10 | | |
| N/U | 050 | CTP | Pricing Information | O | 25 | | |
| N/U | 055 | PAM | Period Amount | O | 10 | | |
| N/U | 059 | MEA | Measurements | O | 40 | | |
| | | | LOOP ID - PID | | | 1000 | |
| N/U | 060 | PID | Product/Item Description | O | 1 | | |
| N/U | 070 | MEA | Measurements | O | 10 | | |
| N/U | 080 | PWK | Paperwork | O | 25 | | |
| N/U | 090 | PKG | Marking, Packaging, Loading | O | 25 | | |
| N/U | 100 | PO4 | Item Physical Details | O | 1 | | |
| N/U | 110 | ITD | Terms of Sale/Deferred Terms of Sale | O | 2 | | |
| 21 | 120 | REF | Reference Numbers | O | >1 | | |
| N/U | 130 | PER | Administrative Communications Contact | O | 5 | | |
| N/U | 140 | SDQ | Destination Quantity | O | 500 | | |
| N/U | 150 | DTM | Date/Time Reference | O | 10 | | |
| N/U | 160 | CAD | Carrier Detail | O | >1 | | |
| N/U | 170 | L7 | Tariff Reference | O | >1 | | |
| N/U | 175 | SR | Requested Service Schedule | O | 1 | | |
| | | | LOOP ID - SAC | | | 25 | |
| 23 | 180 | SAC | Service, Promotion, Allowance, or Charge Information | O | 1 | | |
| N/U | 190 | TXI | Tax Information | O | 10 | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | **LOOP ID - SLN** | | | 1000 | |
| N/U | 200 | SLN | Subline Item Detail | O | 1 | | |
| N/U | 210 | REF | Reference Numbers | O | >1 | | |
| N/U | 220 | PID | Product/Item Description | O | 1000 | | |
| N/U | 230 | SAC | Service, Promotion, Allowance, or Charge Information | O | 25 | | |
| N/U | 235 | TC2 | Commodity | O | 2 | | |
| N/U | 237 | TXI | Tax Information | O | 10 | | |
| | | | **LOOP ID - N1** | | | 200 | |
| N/U | 240 | N1 | Name | O | 1 | | |
| N/U | 250 | N2 | Additional Name Information | O | 2 | | |
| N/U | 260 | N3 | Address Information | O | 2 | | |
| N/U | 270 | N4 | Geographic Location | O | 1 | | |
| N/U | 280 | REF | Reference Numbers | O | 12 | | |
| N/U | 290 | PER | Administrative Communications Contact | O | 3 | | |
| | | | **LOOP ID - LM** | | | 10 | |
| N/U | 300 | LM | Code Source Information | O | 1 | | |
| N/U | 310 | LQ | Industry Code | M | 100 | | |
| | | | **LOOP ID - V1** | | | >1 | |
| N/U | 320 | V1 | Vessel Identification | O | 1 | | |
| N/U | 330 | R4 | Port | O | >1 | | |
| N/U | 340 | DTM | Date/Time Reference | O | >1 | | |

## Summary:

| Page No. | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat | Notes and Comments |
|---|---|---|---|---|---|---|---|
| 25 | 010 | TDS | Total Monetary Value Summary | M | 1 | | |
| N/U | 020 | TXI | Tax Information | O | 10 | | |
| N/U | 030 | CAD | Carrier Detail | O | 1 | | |
| | | | **LOOP ID - SAC** | | | 25 | |
| 26 | 040 | SAC | Service, Promotion, Allowance, or Charge Information | O | 1 | | |
| N/U | 050 | TXI | Tax Information | O | 10 | | |
| | | | **LOOP ID - ISS** | | | >1 | |
| N/U | 060 | ISS | Invoice Shipment Summary | O | 1 | | |
| N/U | 065 | PID | Product/Item Description | O | 1 | | |
| 28 | 070 | CTT | Transaction Totals | M | 1 | | n3 |
| 29 | 080 | SE | Transaction Set Trailer | M | 1 | | |

## Transaction Set Notes

**1.** The BAL segment is to be used only if the code in BIG07 indicates that the transaction is a ``Monthly Adjustment''or ``Special Handling Adjustment'' invoice.

**2.** The QTY segment is used to specify a quantity of units which are expected as payments, e.g., trade-ins or returns.

**3.** Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

**Segment:** **ST** **Transaction Set Header**

| | |
|---|---|
| **Position:** | 010 |
| **Loop:** | |
| **Level:** | Heading |
| **Usage:** | Mandatory |
| **Max Use:** | 1 |
| **Purpose:** | To indicate the start of a transaction set and to assign a control number |
| **Syntax Notes:** | |
| **Semantic Notes:** | 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set). |
| **Comments:** | |

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| Must Use | ST01 | 143 | **Transaction Set Identifier Code** | M | ID 3/3 |

Code uniquely identifying a Transaction Set

810 X12.2 Invoice

| | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| Must Use | ST02 | 329 | **Transaction Set Control Number** | M | AN 4/9 |

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

| | Segment: | **BIG** Beginning Segment for Invoice |
|---|---|---|
| | **Position:** | 020 |
| | **Loop:** | |
| | **Level:** | Heading |
| | **Usage:** | Mandatory |
| | **Max Use:** | 1 |
| | **Purpose:** | To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates |
| | **Syntax Notes:** | |
| | **Semantic Notes:** | **1**  BIG01 is the invoice issue date. |
| | | **2**  BIG03 is the date assigned by the purchaser to purchase order. |
| | | **3**  BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used. |
| | **Comments:** | **1**  BIG07 is used only to further define the type of invoice when needed. |
| | **Notes:** | *1. If BIG07 = DI (Debit Invoice) then BIG04 must be used.* |
| | | *2. If BIG07 = CI (Consolidated Invoice) then the buyer's requisition number is in 2/REF02/120.* |

### Data Element Summary

| | Ref. Des. | Data Element | Name | | Attributes |
|---|---|---|---|---|---|
| Must Use | BIG01 | 373 | **Date** | M | DT 6/6 |
| | | | Date (YYMMDD) | | |
| | | | *EDIPAC fm On-line: Treasury will input process date as default to invoice date.* | | |
| Must Use | BIG02 | 76 | **Invoice Number** | M | AN 1/22 |
| | | | Identifying number assigned by issuer | | |
| | | | *On-line: Maximum field size is limited to 10 positions for invoice number.* | | |
| | BIG03 | 373 | **Date** | O | DT 6/6 |
| | | | Date (YYMMDD) | | |
| | | | *Recommendation: Leave blank.* | | |
| | | | *EDIPAC to On-line: No date for PO is recorded for the On-line system.* | | |
| | BIG04 | 324 | **Purchase Order Number** | O | AN 1/22 |
| | | | Identifying number for Purchase Order assigned by the orderer/purchaser | | |
| | | | *Recommendation: Leave blank.  Generally, the PO information is shown in the Table 2, REF segment (seq. 120).  BIG04 may be used if a single purchase order number is processed.* | | |
| N/U | BIG05 | 328 | **Release Number** | O | AN 1/30 |
| | | | Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction | | |
| N/U | BIG06 | 327 | **Change Order Sequence Number** | O | AN 1/8 |

Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set

**Must Use** **BIG07** **640** **Transaction Type Code** **O** **ID 2/2**

Code specifying the type of transaction

*1. EDIPAC fm On-line: Treasury provided code when generated from the On-line system.*

*2. Use of this data element is required.*

    CI            Consolidated Invoice

    DI            Debit Invoice

**N/U** **BIG08** **353** **Transaction Set Purpose Code** **O** **ID 2/2**

Code identifying purpose of transaction set

**N/U** **BIG09** **306** **Action Code** **O** **ID 1/2**

Code indicating type of action

**N/U** **BIG10** **76** **Invoice Number** **O** **AN 1/22**

Identifying number assigned by issuer

| | | |
|---|---|---|
| **Segment:** | **REF** Reference Numbers | |
| **Position:** | 050 | |
| **Loop:** | | |
| **Level:** | Heading | |
| **Usage:** | Optional | |
| **Max Use:** | 12 | |
| **Purpose:** | To specify identifying numbers. | |
| **Syntax Notes:** | **1** At least one of REF02 or REF03 is required. | |
| **Semantic Notes:** | | |
| **Comments:** | | |
| **Notes:** | *This data will be provided by GOALS.* | |

### Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| Must Use | REF01 | 128 | Reference Number Qualifier | M | ID 2/2 |

Code qualifying the Reference Number.

| | | |
|---|---|---|
| | O7 | On-line Procurement and Accounting Control (OPAC) Transaction |

| | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| Must Use | REF02 | 127 | Reference Number | X | AN 1/30 |

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

*1. This number will be supplied by the OPAC system.*

*2. Use of this data element is required.*

| | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| N/U | REF03 | 352 | Description | X | AN 1/80 |

A free-form description to clarify the related data elements and their content

| Segment: | **N1** Name |
|---|---|
| **Position:** | 070 |
| **Loop:** | N1 |
| **Level:** | Heading |
| **Usage:** | Optional |
| **Max Use:** | 1 |
| **Purpose:** | To identify a party by type of organization, name, and code |
| **Syntax Notes:** | 1 At least one of N102 or N103 is required. |
| | 2 If either N103 or N104 is present, then the other is required. |
| **Semantic Notes:** | |
| **Comments:** | 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. |
| | 2 N105 and N106 further define the type of entity in N101. |

### Data Element Summary

| | Ref. Des. | Data Element | Name | | Attributes |
|---|---|---|---|---|---|
| Must Use | N101 | 98 | **Entity Identifier Code** | M | ID 2/2 |

Code identifying an organizational entity, a physical location, or an individual

***EDIPAC fm On-line: Treasury provided code when generated from the On-line system.***

| | BT | Bill-to-Party |
|---|---|---|
| | II | Issuer of Invoice |

| | N102 | 93 | **Name** | X | AN 1/35 |
|---|---|---|---|---|---|

Free-form name

***EDIPAC to/fm On-line system: Not used in the On-line system. Organizations identified by the ALC in the N104 element.***

| Must Use | N103 | 66 | **Identification Code Qualifier** | X | ID 1/2 |
|---|---|---|---|---|---|

Code designating the system/method of code structure used for Identification Code (67)

***1. EDIPAC fm On-line: Treasury provided code when generated from the On-line system.***

***2. Use of this data element is required.***

| | ZZ | Mutually Defined |
|---|---|---|

*Use to indicate an Agency Location Code.*

| Must Use | N104 | 67 | **Identification Code** | X | AN 2/20 |
|---|---|---|---|---|---|

Code identifying a party or other code

***1. The 8 digit Agency Location Code assigned by Treasury.***

***2. Use of this data element is required.***

| **N/U** | **N105** | **706** | **Entity Relationship Code** | **O** | **ID 2/2** |

Code describing entity relationship

| **N/U** | **N106** | **98** | **Entity Identifier Code** | **O** | **ID 2/2** |

Code identifying an organizational entity, a physical location, or an individual

| | | |
|---|---|---|
| **Segment:** | **REF** Reference Numbers | |
| **Position:** | 110 | |
| **Loop:** | N1 | |
| **Level:** | Heading | |
| **Usage:** | Optional | |
| **Max Use:** | 12 | |
| **Purpose:** | To specify identifying numbers. | |
| **Syntax Notes:** | **1** At least one of REF02 or REF03 is required. | |
| **Semantic Notes:** | | |
| **Comments:** | | |
| **Notes:** | *1. To provide OPAC DO symbol reference number.* | |
| | *2. Use this segment when the N101 code is II.* | |

### Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| Must Use | REF01 | 128 | **Reference Number Qualifier** | **M ID 2/2** |

Code qualifying the Reference Number.

*EDIPAC fm On-line: Treasury provided code when generated from the On-line system.*

    DX            Department/Agency Number

        *OPAC Disbursing Office Symbol number.*

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| Must Use | REF02 | 127 | **Reference Number** | **X AN 1/30** |

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

*1. OPAC DO symbol of the originator of the 810 transaction set.*

*2. Use of this data element is required.*

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| N/U | REF03 | 352 | **Description** | **X AN 1/80** |

A free-form description to clarify the related data elements and their content

| | | |
|---|---|---|
| **Segment:** | **PER** Administrative Communications Contact | |
| **Position:** | 120 | |
| **Loop:** | N1 | |
| **Level:** | Heading | |
| **Usage:** | Optional | |
| **Max Use:** | 3 | |
| **Purpose:** | To identify a person or office to whom administrative communications should be directed | |
| **Syntax Notes:** | 1 | If either PER03 or PER04 is present, then the other is required. |
| | 2 | If either PER05 or PER06 is present, then the other is required. |
| | 3 | If either PER07 or PER08 is present, then the other is required. |
| **Semantic Notes:** | | |
| **Comments:** | | |
| **Notes:** | *Use this segment when the N1 01 code is II.* | |

### Data Element Summary

| | Ref. Des. | Data Element | Name | | Attributes |
|---|---|---|---|---|---|
| Must Use | PER01 | 366 | **Contact Function Code** | M | ID 2/2 |

Code identifying the major duty or responsibility of the person or group named

***EDIPAC fm On-line: Treasury provided code when generated from the On-line system.***

| | | |
|---|---|---|
| | AD | Accounting Department |
| | IC | Information Contact |

| | Ref. Des. | Data Element | Name | | Attributes |
|---|---|---|---|---|---|
| Must Use | PER02 | 93 | **Name** | O | AN 1/35 |

Free-form name

***1. Limited to 20 positions for the Contact Name in the On-line system.***

***2. Use of this data element is required.***

| | Ref. Des. | Data Element | Name | | Attributes |
|---|---|---|---|---|---|
| Must Use | PER03 | 365 | **Communication Number Qualifier** | X | ID 2/2 |

Code identifying the type of communication number

***1. EDIPAC fm On-line: Treasury provided code when generated from the On-line system.***

***2. Use of this data element is required.***

| | | |
|---|---|---|
| | TE | Telephone |

| | Ref. Des. | Data Element | Name | | Attributes |
|---|---|---|---|---|---|
| Must Use | PER04 | 364 | **Communication Number** | X | AN 1/80 |

Complete communications number including country or area code when applicable

***1. Maximum field size is 12 positions for the telephone number in the On-line system.  Use PER06 if additional positions are required.***

***2. Use of this data element is required.***

| | **PER05** | **365** | **Communication Number Qualifier** | **X** | **ID 2/2** |
|---|---|---|---|---|---|

Code identifying the type of communication number

*EDIPAC to On-line: Not used.  Only one telephone is provided in On-line system.*

| | | AU | Defense Switched Network |
|---|---|---|---|

   Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)

| | EM | Electronic Mail |
|---|---|---|
| | FT | Federal Telecommunications System (FTS) |
| | FX | Facsimile |
| | IT | International Telephone |
| | PS | Packet Switching |
| | TE | Telephone |
| | TL | Telex |
| | TM | Telemail |
| | TX | TWX |

| | **PER06** | **364** | **Communication Number** | **X** | **AN 1/80** |
|---|---|---|---|---|---|

Complete communications number including country or area code when applicable

| **N/U** | **PER07** | **365** | **Communication Number Qualifier** | **X** | **ID 2/2** |
|---|---|---|---|---|---|

Code identifying the type of communication number

| **N/U** | **PER08** | **364** | **Communication Number** | **X** | **AN 1/80** |
|---|---|---|---|---|---|

Complete communications number including country or area code when applicable

| **N/U** | **PER09** | **443** | **Contact Inquiry Reference** | **O** | **AN 1/20** |
|---|---|---|---|---|---|

Additional reference number or description to clarify a contact number

| | Segment: | **DTM** Date/Time Reference |
|---|---|---|
| | **Position:** | 140 |
| | **Loop:** | |
| | **Level:** | Heading |
| | **Usage:** | Optional |
| | **Max Use:** | 10 |
| | **Purpose:** | To specify pertinent dates and times |
| | **Syntax Notes:** | 1 At least one of DTM02 DTM03 or DTM06 is required. |
| | | 2 If either DTM06 or DTM07 is present, then the other is required. |
| | **Semantic Notes:** | |
| | **Comments:** | |
| | **Notes:** | *This data will be supplied by GOALS OPAC and will be used for both accomplish date and accounting date.* |

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| Must Use | DTM01 | 374 | **Date/Time Qualifier** | M | ID 3/3 |

Code specifying type of date or time, or both date and time

    009              Process

| | | | | | |
|---|---|---|---|---|---|
| Must Use | DTM02 | 373 | **Date** | X | DT 6/6 |

Date (YYMMDD)

*Use of this data element is required.*

| | | | | | |
|---|---|---|---|---|---|
| Must Use | DTM03 | 337 | **Time** | X | TM 4/8 |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

*Use of this data element is required.*

| | | | | | |
|---|---|---|---|---|---|
| N/U | DTM04 | 623 | **Time Code** | O | ID 2/2 |

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

| | | | | | |
|---|---|---|---|---|---|
| Must Use | DTM05 | 624 | **Century** | O | N0 2/2 |

The first two characters in the designation of the year (CCYY)

| | | | | | |
|---|---|---|---|---|---|
| N/U | DTM06 | 1250 | **Date Time Period Format Qualifier** | X | ID 2/3 |

Code indicating the date format, time format, or date and time format

| | | | | | |
|---|---|---|---|---|---|
| N/U | DTM07 | 1251 | **Date Time Period** | X | AN 1/35 |

Expression of a date, a time, or range of dates, times or dates and times

| | Segment: | | **AT** Financial Accounting |
|---|---|---|---|
| | Position: | | 210 |
| | Loop: | | |
| | Level: | | Heading |
| | Usage: | | Optional |
| | Max Use: | | >1 |
| | Purpose: | | To transmit financial accounting data |
| | Syntax Notes: | **1** | If AT10 is present, then AT01 is required. |
| | Semantic Notes: | | |
| | Comments: | **1** | AT09 identifies unique local activity financial accounting information. |

### Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| N/U | AT01 | 1271 | **Industry Code** | X | AN 1/20 |

Code indicating a code from a specific industry code list

| | AT02 | 1282 | **Treasury Symbol Number** | O | AN 7/21 |
|---|---|---|---|---|---|

Number identifying a department, fiscal year, treasury account number, and appropriation limit for a standard accounting classification coding structure

*1. If used, this element will indicate the appropriation for the originator of the 810 transaction set.*

*2. EDIPAC to On-line: Maximum field size id limited to 11 positions for appropriation number.*

| | AT03 | 1283 | **Budget Activity Number** | O | AN 1/16 |
|---|---|---|---|---|---|

Number identifying an administrative subdivision of funds against which a transaction is to be charged for a standard accounting classification coding structure

*If used, this element will indicate the accounting classification code number.*
*Maximum field size is limited to 11 positions for accounting classification code in the On-line system.*

| N/U | AT04 | 1284 | **Object Class Number** | O | AN 3/12 |
|---|---|---|---|---|---|

Number identifying the nature of the goods or services acquired and a specific office or organization using resources for a standard accounting classification coding structure

| N/U | AT05 | 1285 | **Reimbursable Source Number** | O | AN 1/3 |
|---|---|---|---|---|---|

Number identifying the source of an appropriation or fund reimbursement for a standard accounting classification coding structure

| N/U | AT06 | 1286 | **Transaction Reference Number** | O | AN 4/20 |
|---|---|---|---|---|---|

Number identifying an original request for goods and services to the matching financial transaction for a standard accounting classification coding structure

**N/U**  **AT07**  **1287**  **Accountable Station Number**  **O**  **AN 3/8**

Number identifying an office responsible for entering a financial transaction into the applicable accounting system for a standard accounting classification coding structure

**N/U**  **AT08**  **1288**  **Paying Station Number**  **O**  **AN 8/14**

Number identifying an office responsible for making a payment or collection and the corresponding voucher number under which the action was taken for a standard accounting classification coding structure

**N/U**  **AT09**  **352**  **Description**  **O**  **AN 1/80**

A free-form description to clarify the related data elements and their content

**N/U**  **AT10**  **1270**  **Code List Qualifier Code**  **O**  **ID 1/3**

Code identifying a specific industry code list

|                | | |
|----------------|---|---|
| **Segment:**   | **IT1** Baseline Item Data (Invoice) | |
| **Position:**  | 010 | |
| **Loop:**      | IT1 | |
| **Level:**     | Detail | |
| **Usage:**     | Optional | |
| **Max Use:**   | 1 | |
| **Purpose:**   | To specify the basic and most frequently used line item data for the invoice and related transactions | |
| **Syntax Notes:** | 1 | If any of IT102 IT103 or IT104 is present, then all are required. |
|                | 2 | If either IT106 or IT107 is present, then the other is required. |
|                | 3 | If either IT108 or IT109 is present, then the other is required. |
|                | 4 | If either IT110 or IT111 is present, then the other is required. |
|                | 5 | If either IT112 or IT113 is present, then the other is required. |
|                | 6 | If either IT114 or IT115 is present, then the other is required. |
|                | 7 | If either IT116 or IT117 is present, then the other is required. |
|                | 8 | If either IT118 or IT119 is present, then the other is required. |
|                | 9 | If either IT120 or IT121 is present, then the other is required. |
|                | 10 | If either IT122 or IT123 is present, then the other is required. |
|                | 11 | If either IT124 or IT125 is present, then the other is required. |
| **Semantic Notes:** | 1 | IT101 is the purchase order line item identification. |
| **Comments:**  | 1 | Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of ID's. |
|                | 2 | IT106 through IT125 provides for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU. |

### Data Element Summary

| | Ref. Des. | Data Element | Name | | Attributes |
|---|---|---|---|---|---|
| | **IT101** | **350** | **Assigned Identification** | **O** | **AN 1/11** |
| | | | Alphanumeric characters assigned for differentiation within a transaction set | | |
| **Must Use** | **IT102** | **358** | **Quantity Invoiced** | **X** | **R 1/10** |
| | | | Number of units invoiced (supplier units) | | |
| | | | *Maximum field size is limited to 7 positions for the Quantity field in the On-line system.* | | |
| **Must Use** | **IT103** | **355** | **Unit or Basis for Measurement Code** | **X** | **ID 2/2** |
| | | | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | |
| | | | *Any code may be used. The listed codes are sample only.* | | |

*BX  Box*
*EA  Each*
*EX  Feet, inches and Fraction*
*TN  Net Ton (2,000 LB)*

Refer to 003050 Data Element Dictionary for acceptable code values.

| Must Use | IT104 | 212 | **Unit Price** | | **X** | **R 1/17** |

Price per unit of product, service, commodity, etc.

*Maximum field size is limited to 7 positions for the On-line system.*

| | IT105 | 639 | **Basis of Unit Price Code** | | **O** | **ID 2/2** |

Code identifying the type of unit price for an item

*This element not used by the On-line system.*

Refer to 003050 Data Element Dictionary for acceptable code values.

| Must Use | IT106 | 235 | **Product/Service ID Qualifier** | | **X** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

*1. This element will be used to indicate Pay Status and qualifies IT107.*

*2. EDIPAC fm On-line: Treasury provided code when generated by the On-line system.*

*3. Use of this data element is required.*

    ZZ          Mutually Defined

        *Use to indicate a Treasury provided code.*

| Must Use | IT107 | 234 | **Product/Service ID** | | **X** | **AN 1/40** |

Identifying number for a product or service

*1. Use of this data element is required.*

*2. When IT106 is code "ZZ", enter either an "F" to indicate a final payment or a "P" to indicate a partial payment.*

| | IT108 | 235 | **Product/Service ID Qualifier** | | **X** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

*This data element is not used by  the On-line system.*

Refer to 003050 Data Element Dictionary for acceptable code values.

| | IT109 | 234 | **Product/Service ID** | | **X** | **AN 1/40** |

Identifying number for a product or service

| | IT110 | 235 | **Product/Service ID Qualifier** | | **X** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

*This element is not used by the On-line system.*

Refer to 003050 Data Element Dictionary for acceptable code values.

| | IT111 | 234 | **Product/Service ID** | | **X** | **AN 1/40** |

Identifying number for a product or service

| | IT112 | 235 | **Product/Service ID Qualifier** | | **X** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

*This element is not used by the On-line system.*

Refer to 003050 Data Element Dictionary for acceptable code values.

| **IT113** | **234** | **Product/Service ID** | **X** | **AN 1/40** |

Identifying number for a product or service

| **IT114** | **235** | **Product/Service ID Qualifier** | **X** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

*This element is not used by the On-line system.*

Refer to 003050 Data Element Dictionary for acceptable code values.

| **IT115** | **234** | **Product/Service ID** | **X** | **AN 1/40** |

Identifying number for a product or service

| **IT116** | **235** | **Product/Service ID Qualifier** | **X** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

*This element is not used by the On-line system.*

Refer to 003050 Data Element Dictionary for acceptable code values.

| **IT117** | **234** | **Product/Service ID** | **X** | **AN 1/40** |

Identifying number for a product or service

| **IT118** | **235** | **Product/Service ID Qualifier** | **X** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

*This element is not used by the On-line system.*

Refer to 003050 Data Element Dictionary for acceptable code values.

| **IT119** | **234** | **Product/Service ID** | **X** | **AN 1/40** |

Identifying number for a product or service

| **IT120** | **235** | **Product/Service ID Qualifier** | **X** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

*This element is not used by the On-line system.*

Refer to 003050 Data Element Dictionary for acceptable code values.

| **IT121** | **234** | **Product/Service ID** | **X** | **AN 1/40** |

Identifying number for a product or service

| **IT122** | **235** | **Product/Service ID Qualifier** | **X** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

*This element is not used by the On-line system.*

Refer to 003050 Data Element Dictionary for acceptable code values.

| **IT123** | **234** | **Product/Service ID** | **X** | **AN 1/40** |

Identifying number for a product or service

| **IT124** | **235** | **Product/Service ID Qualifier** | **X** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in

Product/Service ID (234)

***This element is not used by the On-line system.***

Refer to 003050 Data Element Dictionary for acceptable code values.

**IT125**      **234**      **Product/Service ID**              **X**    **AN 1/40**

Identifying number for a product or service

| | | | | |
|---|---|---|---|---|
| **Segment:** | **REF** Reference Numbers | | | |
| **Position:** | 120 | | | |
| **Loop:** | IT1 | | | |
| **Level:** | Detail | | | |
| **Usage:** | Optional | | | |
| **Max Use:** | >1 | | | |
| **Purpose:** | To specify identifying numbers. | | | |
| **Syntax Notes:** | **1** At least one of REF02 or REF03 is required. | | | |
| **Semantic Notes:** | | | | |
| **Comments:** | | | | |
| **Notes:** | *Use this segment to identify Purchase Order, Contract Number, Job Order Cite ID, ACRN, and CLIN data.* | | | |

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| Must Use | REF01 | 128 | **Reference Number Qualifier** | M   ID 2/2 |

Code qualifying the Reference Number.

*1. The qualifier codes are samples only.  Any of the codes could be sent, as applicable.*

*2. EDIPAC to on-line use code "ZZ" when the REF02 is blank (not used) and comments are passed in REF03.*

*3. Any code can be used.  The listed codes are samples only.*

*AX  Government Accounting Class Reference Number (ACRN)*
*BC  Buyer's Contract Number*
*C7  Contract Line Item Number*
*CT  Contract Number*
*JB  Job (Project) Number*
*PO  Purchase Order Number*
*ZZ  Mutually Defined*

*Use to indicate comments appear in REF03.  This code can be used up to 4 times but each use is a separate repetition of this REF segment.*

Refer to 003050 Data Element Dictionary for acceptable code values.

| | | | | |
|---|---|---|---|---|
| | REF02 | 127 | **Reference Number** | X   AN 1/30 |

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

*1. EDIPAC to/fm On-line: This element can be used to match the following On-line fields:*

*PO - Maximum 17 positions*
*JAS - Maximum 12 positions*

*Contract Line Item - Maximum 6 positions*
*Obligation Doc No. - Maximum 17 positions*

*2. Use of this data element is required.*

| | | | | |
|---|---|---|---|---|
| **REF03** | **352** | **Description** | **X** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

| | | |
|---|---|---|
| **Segment:** | **SAC** Service, Promotion, Allowance, or Charge Information | |
| **Position:** | 180 | |
| **Loop:** | SAC | |
| **Level:** | Detail | |
| **Usage:** | Optional | |
| **Max Use:** | 1 | |
| **Purpose:** | To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge | |

**Syntax Notes:**
 1 At least one of SAC02 or SAC03 is required.
 2 If either SAC03 or SAC04 is present, then the other is required.
 3 If either SAC06 or SAC07 is present, then the other is required.
 4 If either SAC09 or SAC10 is present, then the other is required.
 5 If SAC11 is present, then SAC10 is required.
 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
 7 If SAC14 is present, then SAC13 is required.

**Semantic Notes:**
 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 3 SAC08 is the allowance or charge rate per unit.
 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

**Comments:**
 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

**Notes:** *1. This segment is not used by the On-line system.*

*2. SAC amounts + IT1 amounts SHOULD = TDS amounts. (However, there is no edit in the system for this calculation).*

### Data Element Summary

| | Ref.<br>Des. | Data<br>Element | Name | Attributes | |
|---|---|---|---|---|---|
| Must Use | SAC01 | 248 | **Allowance or Charge Indicator** | **M** | **ID 1/1** |
| | | | Code which indicates an allowance or charge for the service specified | | |
| | | | Refer to 003050 Data Element Dictionary for acceptable code values. | | |
| | SAC02 | 1300 | **Service, Promotion, Allowance, or Charge Code** | **X** | **ID 4/4** |

Code identifying the service, promotion, allowance, or charge

Refer to 003050 Data Element Dictionary for acceptable code values.

| N/U | SAC03 | 559 | **Agency Qualifier Code** | X | **ID 2/2** |
|---|---|---|---|---|---|

Code identifying the agency assigning the code values

| N/U | SAC04 | 1301 | **Agency Service, Promotion, Allowance, or Charge Code** | X | **AN 1/10** |
|---|---|---|---|---|---|

Agency maintained code identifying the service, promotion, allowance, or charge

| | SAC05 | 610 | **Amount** | O | **N2 1/15** |
|---|---|---|---|---|---|

Monetary amount

| N/U | SAC06 | 378 | **Allowance/ Charge Percent Qualifier** | X | **ID 1/1** |
|---|---|---|---|---|---|

Code indicating on what basis allowance or charge percent is calculated

| N/U | SAC07 | 332 | **Percent** | X | **R 1/6** |
|---|---|---|---|---|---|

Percent expressed as a percent

| N/U | SAC08 | 118 | **Rate** | O | **R 1/9** |
|---|---|---|---|---|---|

Rate expressed in the standard monetary denomination for the currency specified

| N/U | SAC09 | 355 | **Unit or Basis for Measurement Code** | X | **ID 2/2** |
|---|---|---|---|---|---|

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

| N/U | SAC10 | 380 | **Quantity** | X | **R 1/15** |
|---|---|---|---|---|---|

Numeric value of quantity

| N/U | SAC11 | 380 | **Quantity** | O | **R 1/15** |
|---|---|---|---|---|---|

Numeric value of quantity

| N/U | SAC12 | 331 | **Allowance or Charge Method of Handling Code** | O | **ID 2/2** |
|---|---|---|---|---|---|

Code indicating method of handling for an allowance or charge

| N/U | SAC13 | 127 | **Reference Number** | X | **AN 1/30** |
|---|---|---|---|---|---|

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

| N/U | SAC14 | 770 | **Option Number** | O | **AN 1/20** |
|---|---|---|---|---|---|

A unique number identifying available promotion or allowance options when more than one is offered

| N/U | SAC15 | 352 | **Description** | O | **AN 1/80** |
|---|---|---|---|---|---|

A free-form description to clarify the related data elements and their content

| | | |
|---|---|---|
| **Segment:** | **TDS** Total Monetary Value Summary | |
| **Position:** | 010 | |
| **Loop:** | | |
| **Level:** | Summary | |
| **Usage:** | Mandatory | |
| **Max Use:** | 1 | |
| **Purpose:** | To specify the total invoice discounts and amounts | |
| **Syntax Notes:** | | |
| **Semantic Notes:** | 1 | TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable). |
| | 2 | TDS02 indicates the amount upon which the terms discount amount is calculated. |
| | 3 | TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount). |
| | 4 | TDS04 indicates the total amount of terms discount. |
| **Comments:** | 1 | TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01. |

### Data Element Summary

| | Ref. Des. | Data Element | Name | | Attributes |
|---|---|---|---|---|---|
| Must Use | TDS01 | 610 | **Amount** | M | **N2 1/15** |
| | | | Monetary amount | | |
| N/U | TDS02 | 610 | **Amount** | O | **N2 1/15** |
| | | | Monetary amount | | |
| N/U | TDS03 | 610 | **Amount** | O | **N2 1/15** |
| | | | Monetary amount | | |
| N/U | TDS04 | 610 | **Amount** | O | **N2 1/15** |
| | | | Monetary amount | | |

| Segment: | **SAC** Service, Promotion, Allowance, or Charge Information |
|---|---|
| **Position:** | 040 |
| **Loop:** | SAC |
| **Level:** | Summary |
| **Usage:** | Optional |
| **Max Use:** | 1 |
| **Purpose:** | To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge |
| **Syntax Notes:** | 1 At least one of SAC02 or SAC03 is required. |
| | 2 If either SAC03 or SAC04 is present, then the other is required. |
| | 3 If either SAC06 or SAC07 is present, then the other is required. |
| | 4 If either SAC09 or SAC10 is present, then the other is required. |
| | 5 If SAC11 is present, then SAC10 is required. |
| | 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required. |
| | 7 If SAC14 is present, then SAC13 is required. |
| **Semantic Notes:** | 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required. |
| | 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence. |
| | 3 SAC08 is the allowance or charge rate per unit. |
| | 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge. |
| | 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used. |
| | 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion. |
| **Comments:** | 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02. |
| | 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09. |
| **Notes:** | *This element is not used by the On-line system.* |

### Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| Must Use | SAC01 | 248 | **Allowance or Charge Indicator** | M | ID 1/1 |
| | | | Code which indicates an allowance or charge for the service specified | | |
| | | | Refer to 003050 Data Element Dictionary for acceptable code values. | | |
| | SAC02 | 1300 | **Service, Promotion, Allowance, or Charge Code** | X | ID 4/4 |
| | | | Code identifying the service, promotion, allowance, or charge | | |
| | | | Refer to 003050 Data Element Dictionary for acceptable code values. | | |

| N/U | SAC03 | 559 | **Agency Qualifier Code** | X | **ID 2/2** |
|-----|-------|-----|--------------------------|---|------------|

Code identifying the agency assigning the code values

| N/U | SAC04 | 1301 | **Agency Service, Promotion, Allowance, or Charge Code** | X | **AN 1/10** |
|-----|-------|------|----------------------------------------------------------|---|-------------|

Agency maintained code identifying the service, promotion, allowance, or charge

| | SAC05 | 610 | **Amount** | O | **N2 1/15** |
|-|-------|-----|------------|---|-------------|

Monetary amount

| N/U | SAC06 | 378 | **Allowance/ Charge Percent Qualifier** | X | **ID 1/1** |
|-----|-------|-----|-----------------------------------------|---|-----------|

Code indicating on what basis allowance or charge percent is calculated

| N/U | SAC07 | 332 | **Percent** | X | **R 1/6** |
|-----|-------|-----|-------------|---|-----------|

Percent expressed as a percent

| N/U | SAC08 | 118 | **Rate** | O | **R 1/9** |
|-----|-------|-----|----------|---|-----------|

Rate expressed in the standard monetary denomination for the currency specified

| N/U | SAC09 | 355 | **Unit or Basis for Measurement Code** | X | **ID 2/2** |
|-----|-------|-----|----------------------------------------|---|-----------|

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

| N/U | SAC10 | 380 | **Quantity** | X | **R 1/15** |
|-----|-------|-----|--------------|---|-----------|

Numeric value of quantity

| N/U | SAC11 | 380 | **Quantity** | O | **R 1/15** |
|-----|-------|-----|--------------|---|-----------|

Numeric value of quantity

| N/U | SAC12 | 331 | **Allowance or Charge Method of Handling Code** | O | **ID 2/2** |
|-----|-------|-----|-------------------------------------------------|---|-----------|

Code indicating method of handling for an allowance or charge

| N/U | SAC13 | 127 | **Reference Number** | X | **AN 1/30** |
|-----|-------|-----|----------------------|---|-------------|

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

| N/U | SAC14 | 770 | **Option Number** | O | **AN 1/20** |
|-----|-------|-----|-------------------|---|-------------|

A unique number identifying available promotion or allowance options when more than one is offered

| N/U | SAC15 | 352 | **Description** | O | **AN 1/80** |
|-----|-------|-----|-----------------|---|-------------|

A free-form description to clarify the related data elements and their content

| | | | |
|---|---|---|---|
| **Segment:** | **CTT** Transaction Totals | | |
| **Position:** | 070 | | |
| **Loop:** | | | |
| **Level:** | Summary | | |
| **Usage:** | Mandatory | | |
| **Max Use:** | 1 | | |
| **Purpose:** | To transmit a hash total for a specific element in the transaction set | | |
| **Syntax Notes:** | **1** | If either CTT03 or CTT04 is present, then the other is required. | |
| | **2** | If either CTT05 or CTT06 is present, then the other is required. | |
| **Semantic Notes:** | | | |
| **Comments:** | **1** | This segment is intended to provide hash totals to validate transaction completeness and correctness. | |

### Data Element Summary

| | Ref. Des. | Data Element | Name | | Attributes |
|---|---|---|---|---|---|
| Must Use | CTT01 | 354 | **Number of Line Items** | M | N0 1/6 |
| | | | Total number of line items in the transaction set | | |
| N/U | CTT02 | 347 | **Hash Total** | O | R 1/10 |
| | | | Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. | | |
| | | | Example: | | |
| | | | -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field. | | |
| N/U | CTT03 | 81 | **Weight** | X | R 1/10 |
| | | | Numeric value of weight | | |
| N/U | CTT04 | 355 | **Unit or Basis for Measurement Code** | X | ID 2/2 |
| | | | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | |
| N/U | CTT05 | 183 | **Volume** | X | R 1/8 |
| | | | Value of volumetric measure | | |
| N/U | CTT06 | 355 | **Unit or Basis for Measurement Code** | X | ID 2/2 |
| | | | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | |
| N/U | CTT07 | 352 | **Description** | O | AN 1/80 |
| | | | A free-form description to clarify the related data elements and their content | | |

| | Segment: | **SE** **Transaction Set Trailer** |
|---|---|---|
| | **Position:** | 080 |
| | **Loop:** | |
| | **Level:** | Summary |
| | **Usage:** | Mandatory |
| | **Max Use:** | 1 |
| | **Purpose:** | To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments). |
| | **Syntax Notes:** | |
| | **Semantic Notes:** | |
| | **Comments:** | **1** SE is the last segment of each transaction set. |

**Data Element Summary**

| | Ref.<br>Des. | Data<br>Element | Name | Attributes | |
|---|---|---|---|---|---|
| Must Use | SE01 | 96 | **Number of Included Segments** | **M** | **N0 1/10** |
| | | | Total number of segments included in a transaction set including ST and SE segments | | |
| Must Use | SE02 | 329 | **Transaction Set Control Number** | **M** | **AN 4/9** |
| | | | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | |